SIG M8-ME-25A/U

MARINE CORPS STOCK LIST
ELECTRONICS MAINTENANCE
PARTS ALLOWANCE LIST

LIST OF MAINTENANCE PARTS FOR MULTIMETER ME-25A/U

(SUPERSEDES SIG M8-ME-25A/U DATED APRIL 1951)

FOR OFFICIAL GOVERNMENT USE ONLY

HEADQUARTERS, U S MARINE CORPS
WASHINGTON 25, D.C.

JANUARY 1954

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GENERAL NOTES

1. PREPARATION OF REQUISITIONS FROM SIG M8 PAMPHLET.

EXAMPLE

Item No.	Stock Number	Article and Unit	Stock Level	QUANTITY		
				On Hand	On Order	Req'd.
		ROUTINE Following required for 6 ARMY-NAVY MULTIMETER ME-25A/U on hand (3rd Echelon). Requisition prepared from SIG M8 for ME-25A/U.				
1	2J1N43	CRYSTAL UNIT, RECTIFYING: SIG M8 Item #9, each	4	1	0	3
2	3Z1927	FUSE, CARTRIDGE: SIG M8 Item #23, each	9	3	0	6

A. Requisitioning Basis

Requisitions should be written so that maintenance parts desired can be identified as part of the equipment for which the SIG M8 pamphlet was compiled. This information, as well as the number of equipments for which maintenance is furnished, and the echelon of maintenance, should be entered on the requisition preceding the listing of items.

B. Item Number

The item number is assigned by the requisitioning unit, in numerical sequence, in the order of appearance of the items on the requisition.

C. Stock Number

The stock number, obtained from the corresponding column of the SIG M8 pamphlet, precedes the item name on the requisition and provides the primary means of identifying all components for storage, issue and requisitioning.

D. Article and Unit

(1) Item Name. Following the stock number enter the item name in capital letters, as obtained from the Item and Description column of the SIG M8 pamphlet.

(2) SIG M8 Item Number. Each maintenance part in the SIG M8 pamphlet is associated with a SIG M8 item number for identification and cross reference purposes. This SIG M8 item number should be entered on the requisition following the item name of the maintenance part.

(3) Unit of Issue. Enter the unit of issue immediately following the SIG M8 item number. The unit of issue is obtained from the corresponding column of the SIG M8.

E. Stock Level

Enter the stock level for your unit in the column provided on the requisition. This stock level is determined as described below:

(1) Note that this SIG M8 provides two sets of columns for use in determining stock levels. One set of columns, headed "MAINTENANCE" is for use by units responsible for repair only, and the other set, headed "DEPOT SUPPLY", is for use by agencies charged with logistic support only.

(2) Choice of Proper Column for Maintenance.

The type of maintenance (i.e., organizational, field or depot) which your unit is authorized to perform should be determined from current instructions issued by Headquarters, U.S. Marine Corps, or other appropriate echelon of command. The corresponding maintenance column of the SIG M8 should then be used to determine your stock level.

(3) Choice of Proper Column for Depot Supply.

(a) The column headed "FIELD" is for use by supply agencies whose primary mission is to furnish direct logistic support to maintenance units. Such supply agencies are usually required to stock supplies sufficient to last for 90 days or less.

(b) The column headed "BASE" is for use by depots whose primary mission is to furnish replenishment to other supply units. Such depots are usually required to stock supplies sufficient to last one year, and receive replenishment supplies from general depots, direct from commercial sources, or from other services.

(4) General.

(a) The stock level shown in the proper column opposite the item name of the maintenance part required is the stock level for the number of equipments indicated at the head of the column. If the number of equipments actually being maintained or supplied is different from the figure at the head of the column, the stock level should be adjusted accordingly. It is adjusted by use of the following formula:

$$\text{Stock level} = \frac{(\text{stock level shown}) \times (\text{number of equipments supported})}{(\text{number of equipments shown at head of column})}$$

Where fractions result from the use of this formula, use the next higher whole number of parts. (Example: for 1.2 use 2; for 18.9 use 19). Enter this figure on the requisition under "Stock Level". Organizations should not attempt to requisition quantities in excess of those indicated in the applicable maintenance column of the SIG M8 in order to avoid rapid depletion of Depot stocks. The stock level formula shown above is applicable to 4th echelon and higher echelons of maintenance and supply.

(b) Agencies which have both maintenance and supply functions should use the total of both appropriate columns as their stock level for requisitioning initial supplies. Separate columns for maintenance and supply have been included in order to provide greater flexibility to the SIG M8 pamphlet; however, it is not intended that stock for the two functions should be separated in requisitioning or in storage.

(c) When several types of maintenance are prescribed for a maintenance unit, only the quantity for the higher order of maintenance should be required. For example, Radar Sets, and other large mobile equipments in which the organization is equipped to furnish field maintenance, should use the appropriate field maintenance column as their basis for requisitioning.

(d) No attempt has been made to list stock quantities for major components or end items in this SIG M8 pamphlet due to the low failure factor involved, however, using organizations may requisition these items by stock number if urgently necessary.

(e) The computations used in preparing SIG M8 pamphlets are based on civilian failure factors which have been modified to meet harder military use. Consequently, it is emphasized that this SIG M8 pamphlet is furnished as an initial guide only and that the quantities of maintenance parts requisitioned thereafter should conform with predictions which have been based upon the actual usage experience of the units concerned.

F. Quantity

(1) On Hand. Enter quantity in stock at your unit at time of requisitioning.

(2) On Order. Show quantity on order by your unit at time of requisitioning.

(3) Required. Show quantity required to bring stock up to desired level. This is equal to quantity shown in "Stock Level" column minus the quantity "On Hand" and "On Order".

2. MAINTENANCE SYSTEM.

A. General

(1) Maintenance functions vary from minor preventive operations to highly specialized repair and reconditioning techniques. Experience dictates that the various maintenance operations performed on any item of materiel must be assigned to specific levels of command in accordance with the primary mission, character, and mobility of the commands involved. To facilitate the assignment of maintenance missions and responsibilities within the National Military Establishment, and to promote coordination and understanding between the three Departments, the Army, Navy, and Air Force have grouped all maintenance operations into three broad categories -- ORGANIZATIONAL, FIELD, and DEPOT. These terms are used jointly by the three Departments to broadly define their respective maintenance operations. For the purpose of providing further flexibility and accuracy in defining Marine Corps maintenance operations, these terms have been further subdivided into five echelons, which are numbered consecutively from one through five. These numerical terms are to be used where additional definitions are required to indicate more accurately the scope, mobility, and capabilities of a maintenance organization or facility, or the personnel, time, tools, equipment, and parts which are available, authorized, or required in connection with a maintenance operation.

(2) The maintenance system requires that all organizations be provided with sufficient trained personnel, equipment, tools, test equipment, supplies and parts to accomplish their prescribed maintenance mission.

(3) Repairs are performed in the lowest echelon of maintenance consistent with the nature of the repair, authorized maintenance parts, tools, equipment, time available, capabilities of personnel, and the tactical situation. However, no echelon of maintenance will perform the work of a higher echelon at the expense of neglecting its assigned functions.

(4) Ordinarily, materiel requiring repair which is beyond the maintenance scope or capability of one echelon is evacuated to the next higher echelon.

(5) Each echelon is authorized and may perform any of the repair operations or functions of the lower echelons as required by practical or tactical considerations, or other circumstances.

B. Definitions of Categories and Echelons

The following definitions indicate the normal relationship between the categories and echelons of maintenance:

(1) Organizational Maintenance

Organizational maintenance is that maintenance authorized for, performed by, and the responsibility of, a using organization on its own equipment. This maintenance consists normally of inspecting, cleaning, servicing, preserving, lubricating, and adjusting as required and may also consist of minor parts replacement not requiring highly technical skills. In the Marine Corps this category normally incorporates the first and second echelons as follows:

(a) First Echelon. First echelon embraces the preventive maintenance operations performed by the user, wearer, or operator of the equipment. This includes the proper care, use, operation, cleaning, preservation, lubrication, and inspection of materiel, and such adjustment, minor repair, and parts replacement as are authorized. First echelon maintenance stock includes "Running Spares" which consist of fuses, lamps, electron tubes, and similar items, which are a part of, and shipped with, each equipment to serve as emergency replacement parts. These items are listed in the RUNNING SPARES column of the SIG M8 pamphlet.

(b) Second Echelon. Second echelon maintenance operations are those operations performed by specially trained personnel of the using organization. It includes all elements of organizational maintenance not prescribed as first echelon, such as scheduled preventive maintenance; minor adjustments, repairs and unit replacement; technical advice; technical assistance and supervision; and command inspections. This echelon is authorized additional and more precise tools and test equipment, and the necessary parts, supplies, test equipment and skilled personnel to perform maintenance beyond the capabilities and facilities of the first echelon. First echelon personnel ordinarily participate in these operations. Second echelon personnel act upon reports of malfunctioning made by personnel of the first echelon or as disclosed by inspection.

OPERATOR MAINTENANCE
FIRST ECHELON

USING UNIT MAINTENANCE
SECOND ECHELON

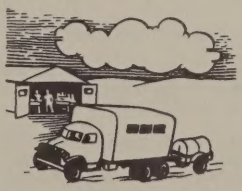
(2) Field Maintenance

Field maintenance is that maintenance authorized and performed by designated maintenance activities in direct support of a using organization(s). This category will normally be limited to maintenance consisting of replacement of unserviceable parts, subassemblies or assemblies. In the Marine Corps, this category usually incorporates the third and fourth echelons as follows:

(a) Third Echelon. Third echelon maintenance is that maintenance performed by either mobile, semi-mobile maintenance organizations, or in semi-fixed shops in close support of using troops. In special cases, it may be performed by organic maintenance units within the using organization. Third echelon maintenance is usually performed by division signal company, corps signal battalion, radar maintenance unit, and other specifically designated units. It serves all lower echelons with a higher degree of skill and is authorized a larger assortment of parts, sub-assemblies, assemblies, and additional and more precise tools and test equipment. Third echelon organizations repair and replace specified sub-assemblies and assemblies, and repair the overflow from the lower echelons. They also support the lower echelons by mobile repair crews, and in some cases by supply of repair parts.

(b) Fourth Echelon. Fourth echelon maintenance is that maintenance performed by semi-fixed or permanent shops serving troops within a geographical area. It serves all lower echelons with a higher degree of skill and is authorized a larger assortment of parts, sub-assemblies, assemblies, and additional and more precise tools and test equipment. It may furnish mobile repair crews or reinforcing elements when required. Its main function is the rebuilding of major items using serviceable assemblies and subassemblies in stock or those from disassembly of unserviceable items, as authorized. Fourth echelon maintenance is usually performed by service battalions, service regiments, and other specifically designated units.

MOBILE REPAIR SHOP MAINTENANCE
THIRD ECHELON



SEMI-FIXED REPAIR SHOP MAINTENANCE
FOURTH ECHELON

(3) Depot Maintenance

Depot Maintenance is that maintenance required for the repair of materiel which requires a major overhaul or complete rebuild of parts, sub-assemblies, assemblies, and/or the end item as required. Such maintenance is intended to augment stocks of serviceable equipment or to support lower levels of maintenance by the use of more extensive shop equipment and personnel of higher technical skill than are available in organizational or field maintenance activities. In the Marine Corps, this category embraces fifth echelon, which is the highest echelon of maintenance.

(a) Fifth Echelon. Fifth echelon maintenance is that maintenance performed in rear areas utilizing fixed installations to completely rebuild equipment, assemblies, parts, accessories, tools and test equipment. Its primary function is to supply lower echelons, by the repair and return to supply channels of that materiel which is beyond the capabilities of the lower echelons. This type of maintenance is assigned to base and general depots.

FIXED REPAIR SHOP MAINTENANCE

FIFTH ECHELON

3. SUPPLY SYSTEM (DEPOT)

A. Field Supply

Field Supply, in general, furnishes direct logistic support to maintenance units. It may support one or several field and organizational maintenance units. Field Supply may be performed by service battalions, service regiments, field depots, etc., in direct support of maintenance units.

B. Base Supply

Base Supply furnishes replenishment to other supply agencies. Such depots are usually required to stock supplies sufficient to last one year, and receive replenishment supplies from other depots, direct from commercial sources, or from other services.

4. MISCELLANEOUS INSTRUCTIONS

A. This SIG M8 pamphlet is supplemental to Instruction Books, Tables of Allowances and Tables of Organization. It is, therefore, essential that this publication be in the hands of all organizations using, or charged with storing and issuing this equipment.

B. This parts list is a portion of the Maintenance Parts Section of the Marine Corps Electronics Catalog. The M8 suffix in the identifying heading denotes that this is the Marine Corps equivalent of an Army Service Forces SIG 8 which is the Army designation for electronic equipment maintenance parts publication. An Army SIG 8 or SIG 7 & 8 has not been published for this particular equipment.

C. Additional copies of this parts list may be requisitioned from the Depot Quartermaster (Stationery), Marine Corps Depot of Supplies, 1100 S. Broad St., Philadelphia, Pa.

D. Errors noted in this publication should be reported promptly to Electronics Catalog Division, Marine Corps Depot of Supplies, 1100 S. Broad St., Philadelphia, Pa.

E. Comments and criticism regarding this SIG M8 are invited.

SPECIAL NOTES

1. Multimeter ME-25A/U is the Army-Navy designation for the equipment to be maintained by this SIG M8 pamphlet. Multimeter ME-25A/U is a portable combination electronic a-c and d-c voltmeter, ohmmeter and milliameter which can be used wherever it is necessary to make current, resistance and voltage measurements. It is an improved version of the ME-25/U providing peak to peak reading, DB scales removed from meter face, conversion chart provided.

2. Parts listed in this publication may not be identical with the parts actually in the equipment, but they are preferred standardized replacements.

NOTES

MULTIMETER ME-25A/U:

MULTIMETER ME-25A/U

SIG M8 ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	ITEM AND DESCRIPTION	UNIT OF ISSUE	QUANTITY PER EQUIPMENT	MAINTENANCE									DEPOT SUPPLY	
						AUTHORIZED ALLOWANCE			STOCK GUIDE						STOCK GUIDE	
						ORGANIZATIONAL			FIELD					DEPOT	FIELD	BASE
						1ST ECH.	2ND ECHELON		3RD ECHELON			4TH ECH.	5TH ECH.			1-YEAR
						RUNNING SPARES	1-4 EQUIP.	5-20 EQUIP.	MOBILE OR SEMI-FIXED REPAIR SHOPS 1-4 EQUIP.	5-20 EQUIP.		50 EQUIP.	100 EQUIP.	REPAIR SHOP	50 EQUIP.	100 EQUIP.
		3F3324-9	METER, MULTIMETER: Army-Navy Multimeter ME-25A/U; electronic volt-ohm-milliammeter, input 115 v, 1 ph, 60 to 1500 cyc; portable; meter ranges 0 to 1000 v AC RMS in 7 steps, 0 to 250 v AC peak in 5 steps, 0 to 1000 v DC in 7 steps, 0 to 1000 ma DC in 6 steps, 0 to 1000 meg in 6 steps; basic meter sensitivity 150 ua full scale, basic meter resistance across term 1000 ohms p/m 10%, input resistance DC v 13 meg, input impedance AC v equivalent to resistance of not less than 12 meg in parallel w/ capacitance of not more than 7 mmf; 4" rectangular meter, accuracy 2% full scale; gray E steel case w/ cover, 9-3/4" h x 8-7/8" wd x 6-19/32" d o/a; incl test leads, AC and DC probes 7 ft power cord for connecting to AC power and Army-Navy Test Prod MX-1101/U; has polarity reversing sw for DC v measurement, test prod extends DC v range to 5000 v, AC prod is of the capacity-diode rect type, DC prod has 3.3 meg isolating resistor in handle, conversion chart provided for making db measurements using AC ranges, leads and accessories stowed in cover of case and secured by clips; Hickok Part #902-153; Navy Spec #RE-9300-B plus addendum #1	ea.	1										
			BOOK, INSTRUCTION: oper and maintenance instructions for Multimeter ME-25A/U	ea.	2											

MAINTENANCE PARTS

1	A-101	6F500-17	CASE: combination transit and instrument type; steel, light gray enamel finish; 9-3/4" lg x 8-7/8" wd x 6-19/32" d o/a incl handle, hinges, etc; 1 compartment for instrument, clips on inside of lid to secure test leads and accessories when not in use; 1 hinged metal handle on top; 2 separable hinges and 1 pull-down type trunk latch, db conversion chart on inside surface of cover, rubber gasket between cover and case; Hickok Electrical Inst Co Part/Dwg #3145-211	ea.	1									1	1	2
2	A-201	3G2259-1.1	SLEEVE, INSULATING: for v dropping resistor; red phenolic; approx 0.625" OD x 0.335" ID x 4" lg o/a; marked TEST PROD MX-1101/U; threaded 3/8"-24 on 1 end, 1/4"-32 on other end; Hickok Part/Dwg #8900-35	ea.	1							1	1	1	3
3	BT-101	3A30	BATTERY, DRY: Sig C Battery BA-30, Navy Type #19031; JAN Type #BA-30; 1-1/2 v; cylindrical; 1-5/16" diam x 2-3/8" lg; metallic case; 2 flat surface term, 1 brass cap pos terminal, bottom surface of case is neg terminal; 1 "D" cell; Spec #JAN-B-18A	ea.	1											
4	C-101 C-102	3DA50-292	CAPACITOR, FIXED: paper dielectric; JAN type #CP26A1EF503M; 50,000 mmf p/m 20%; 600 vdcw; HS metal case; 1-11/16" lg x 11/16" diam; mineral oil impr; 2 axial wire leads #20 AWG, 1-1/2" lg; no int gnd connections; mts by term; Spec #JAN-C-25	ea.	2					1	1		1	4	2	20
5	C-103 C-109	3K3010221	CAPACITOR, FIXED: mica; JAN Type #CM30B102K; 1000 mmf p/m 10%; 500 vdcw; temp coef ltr B; 53/64" lg x 53/64" wd x 9/32" thk; molded low-loss bakelite case; 2 axial wire lead term 1-1/8" lg; Hickok Part/Dwg #X-3095-9; Spec #JAN-C-5	ea.	2					1	1		1	4	2	20

MULTIMETER ME-25A/U

SIG M8 ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	ITEM AND DESCRIPTION	UNIT OF ISSUE	QUANTITY PER EQUIPMENT	MAINTENANCE									DEPOT SUPPLY	
						AUTHORIZED ALLOWANCE	STOCK GUIDE								STOCK GUIDE	
						ORGANIZATIONAL			FIELD					DEPOT	FIELD	BASE
						1ST ECH.	2ND ECHELON		3RD ECHELON			4TH ECH.	5TH ECH.			
						RUNNING SPARES	MOBILE OR SEMI-FIXED REPAIR SHOPS							REPAIR SHOP		1-YEAR
							1-4 EQUIP.	5-20 EQUIP.	1-4 EQUIP.	5-20 EQUIP.	EQUIP.	50 EQUIP.	100 EQUIP.	50 EQUIP	100 EQUIP.	
6	C-104	3K3547221	CAPACITOR, FIXED: mica; JAN Type #CM35B472K; 4700 mmf p/m 10%; 500 vdcw; temp coef ltr B; 53/64" lg x 53/64" wd x 11/32" thk; molded low-loss phenolic ins; 2 axial wire lead term; Hickok Part/Dwg #X-3095-17; Spec #JAN-C-5	ea.	1				1	1		1	2	1	12	
7	C-105 C-106	3K2047121	CAPACITOR, FIXED: mica; JAN Type #CM20B471K; 470 mmf p/m 10%; 500 vdcw; temp coef ltr B; 51/64" lg x 15/32" wd x 7/32" thk; molded low-loss bakelite case; 2 axial wire leads, #20 AWG, 1-1/8" lg; Spec #JAN-C-5	ea.	2				1	1		1	4	2	20	
8	C-107	3DA50-389	CAPACITOR, FIXED: Navy Type #484836-10; paper dielectric; 50,000 mmf p/m 10%; 400 vdcw; wax coated paper case; 11/16" lg x 7/16" diam; wax impr; 2 axial wire leads term; mts by term; Aerovox Part #P'82; Hickok Part/Dwg #3105-103	ea.	1				1	1		1	4	2	20	
9	C-108	3DB10-62	CAPACITOR, FIXED: Navy Type #482343; electrolytic; 10 mf; 450 vdcw; oper temp range minus 20°C to plus 65°C; 3/4" diam x 2" lg; tubr metal case; 1 solder lug term same end as mtg; neg term internally gnd; mtd by 2 twist lugs; 1 lug has hole for soldering; Mallory Type #FP-142; Hickok Part/Dwg #3085-25	ea.	1				1	1		1	8	5	40	
	C-109	3K3010221	Same as C-103													
10	CR-101	2J1N43	CRYSTAL UNIT, RECTIFYING: JAN Type #1N43; germanium type; 40 ma max continuous forward current; 100 ma max peak forward current; 60 v peak inverse voltage; 1/2 to 1-1/2 mmf shunt capacitance; body 1/2" max lg, 0.236" diam excluding terminations; mts by term; 2 wire pigtail term, radial at ea end; Spec JAN-1A	ea.	1	2	1	4	1	4		20	41	41	410	

11	E-101	2Z5952	LAMP, INCANDESCENT: Sig C Lamp LM-52, Navy Type TB-14; 6 to 8 v, 0.15 amp; bulb T-3-1/4 clear, 1-1/8" lg o/a; miniature bayonet base; C-2 fil; burn any position; Sylvania Prod Type S-47; Hickok Part #12270-12	ea.	1	2	1	4	1	3		2	25	15	130
12	E-102	3F3705-6.3	TIP, TEST PROD: straight type; brass; nickel pl finish; o/a dimensions, 2.187" lg, 0.156" diam; 8-32 NCT-2 thd section 0.187" lg one end; conical point other end; Hickok Part/Dwg #16976-9, Alternation C	ea.	1	2			1	1		1	2	1	12
13	E-103 E-104	2Z5821-139	KNOB: bar; black phenolic; for 1/4" diam shaft; fastened by single #8-32 set screw; white dot marking; 1-9/32" lg x 7/8" wd x 13/16" h o/a; shaft hole 3/4" d x 0.251" - 0.253" diam; bar 1-7/32" lg at top, bar thk increases from 7/16" to 1/2", 2 csk holes 9/32" d on 7/8" c to c on bottom, shaft hole csk 5/8" diam x 1/8" d; Hickok Part/Dwg #11505-46	ea.	2							1	1	1	6
14	E-105 E-106	2Z5821-140	KNOB: bar; black phenolic; for 1/4" diam shaft; fastened by single #8-32 set screw, white dot marking; 1-13/32" lg x 7/8" wd x 13/16" h o/a; shaft hole 3/4" d; small metal pointer on lower front edge; Hickok Part/Dwg #11500-11	ea.	2							1	1	1	6
15	E-107	3Z3285-2.1	FUSEHOLDER: extractor post type; for single 3AG cartridge type fuse 1-1/4" lg x 1/4" diam; molded black bakelite; 15 amp at 250 v max; 11/16" diam x 2-9/64" lg o/a; body thd 1/2"-24 for mtg in 17/32" diam panel hole; 2 solder lug term; Bussman Type HKP; Hickok Part #8825-14	ea.	1				1	1		1	2	1	12
16	E-108	3Z770-22.1	BOARD, TERMINAL: resistor capacitor mtg; 22 silver pl brass turret lug term; 2 rows term spaced 1-1/4" apart on 5/16" centers; phenolic board; 4-5/16" lg x 1-5/8" wd x 1/8" thk o/a; 2 mtg holes 3/16" diam spaced 3-15/16" c to c; Hickok Part/Dwg #X-2420-63	ea.	1							1	1	1	4

SIG M8 ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	ITEM AND DESCRIPTION	UNIT OF ISSUE	QUANTITY PER EQUIPMENT	MAINTENANCE									DEPOT SUPPLY	
						AUTHORIZED ALLOWANCE			STOCK GUIDE						STOCK GUIDE	
						ORGANIZATIONAL			FIELD					DEPOT	FIELD	BASE
						1ST ECH.	2ND ECHELON		3RD ECHELON			4TH ECH.	5TH ECH			1-YEAR
						RUNNING SPARES			MOBILE OR SEMI-FIXED REPAIR SHOPS					REPAIR SHOP		
							1-4 EQUIP.	5-20 EQUIP.	1-4 EQUIP.	5-20 EQUIP.	EQUIP.	50 EQUIP.	100 EQUIP.	50 EQUIP.	100 EQUIP.	
17	E-109	2Z8304.275	SHIELD, ELECTRON TUBE: JAN Type TS103U02; nickel pl; cylind; bayonet mtg. 0.95" min ID by 1-15/16"; conical spring inside top	ea.	1				1	1		1	1	1	4	
18	E-110	2Z8304.277	SHIELD, TUBE: JAN Type TS102U03; nickel pl; cylind; bayonet mtg; 0.81" min ID by 2-1/4" lg; conical spring inside top	ea.	1				1	1		1	1	1	4	
19	E-111	3Z770-12.47	BOARD, TERMINAL: ins mtg for fixed resistors and capacitors; 12 silver pl brass turret lug term; spacing between term 1/2" min; phenolic board; 4-5/16" lg x 3-1/2" wd x 1/8" thk o/a; 4 mtg holes 5/32" diam on 1-7/16" x 4" mtg/c; Hickok Part/Dwg #X2420-118	ea.	1							1	1	1	4	
20	E-112	3Z4220-5.1	PROD, TEST: nickel pl brass tip w/ red plastic ins handle; 5" lg x 3/8" diam o/a; wire secured in tip by knurled sleeve nut; Amer Rad Hdwe Part #145, red; Hickok Part/Dwg #16975-1	ea.	1				1	1		1	2	1	12	
21	E-113	3Z4220-5	PROD, TEST: nickel pl brass tip w/ black plastic handle; 5" lg x 3/8" diam o/a; wire secured in tip by knurled sleeve nut; Amer Rad Hdwe Part #145 Black; Hickok Part/Dwg #16975-13	ea.	1				1	1		1	2	1	12	

22	E-114	3F3705-19	PROD, TEST: Army-Navy Test Prod MX-1101/U; HV multiplier to permit measurements of DC voltages up to 5000 v; c/o a resistor in a red phenolic ins housing, resistor is terminated at 1 end by a nickel pl brass prod and at the other end by a thd bushing for coupling to the regular DC prod, supplied w/ detachable alligator clip; 53.2 meg resistor, rated at 2 w; approx 5/8" diam x 5-1/4" lg, less detachable alligator clip, 7/8" diam collar on prod end; couples to regular DC prod by means of 10-32 internal thd in term bushing; Hickok Elec Instr Co Part/Dwg #16975-31	ea.	1				1	1		1	4	2	20
23	E-115	3F3705-6.4	PROD, TEST: cont tip for DC probe; nickel pl brass tip w/ red plastic ins handle; 4" lg x 7/16" diam o/a, sleeve 0.265" ID; wire secured in tip by knurled sleeve nut; thd sect 1/4"-32 x 1/4" lg on sleeve; Hickok Part #16975-21, Dwg #16975-19	ea.	1				1	1		1	4	2	20
24	E-116	2Z9401	BOARD, TERMINAL: general purpose ins term; 1 ins term lug; phenolic board; 3/4" lg x 3/8" wd x 1/16" thk excluding term and mtg lug; one 5/32" diam mtg hole; Cinch Part #1512; Hickok Part #20350-23, Dwg #20350-17	ea.	1				1	1		1	1	1	2
25	F-101	2Z2602.26	FUSE, CARTRIDGE: 2 amp, 250 v; ferrule terms, glass body: 1-1/4" lg by 1/4" dia; MIL Type F02G2R00A	ea.	1	2	4	15	2	9		9	110	60	560
26	H-101	6Z5200-2	HOLDER, BATTERY: locking clamp and cont device for size "D" dry cell; nickel pl brass; 2-3/4" lg x 15/16" wd x 1-5/8" h o/a; 2 mtg holes 1/8" on 2" mtg/c; pos cont term identified by plus "+" sign; 2 ins conts w/ solder lug term, latch type locking bar to secure batt in clamp; Johanson #280-1-A; Hickok Part/Dwg #X-8825-29	ea.	1							1	1	1	6

MULTIMETER ME-25A/U

SIG M8 ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	ITEM AND DESCRIPTION	UNIT OF ISSUE	QUANTITY PER EQUIPMENT	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: 1ST ECH. RUNNING SPARES	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: 2ND ECHELON 1-4 EQUIP.	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: 2ND ECHELON 5-20 EQUIP.	MAINTENANCE: STOCK GUIDE: FIELD: 3RD ECHELON: MOBILE OR SEMI-FIXED REPAIR SHOPS 1-4 EQUIP.	MAINTENANCE: STOCK GUIDE: FIELD: 3RD ECHELON: MOBILE OR SEMI-FIXED REPAIR SHOPS 5-20 EQUIP.	MAINTENANCE: STOCK GUIDE: FIELD: 3RD ECHELON: MOBILE OR SEMI-FIXED REPAIR SHOPS	MAINTENANCE: STOCK GUIDE: FIELD: 4TH ECH. 50 EQUIP.	MAINTENANCE: STOCK GUIDE: DEPOT: 5TH ECH. REPAIR SHOP 100 EQUIP.	DEPOT SUPPLY: STOCK GUIDE: FIELD 50 EQUIP	DEPOT SUPPLY: STOCK GUIDE: BASE 1-YEAR 100 EQUIP.
27	H-102	6L20905-7.4	SCREW, MACHINE: slot drive; Fil H; brass, nickel pl; #5-40 NC-2; 0.437" lg; thd portion 0.187" lg; head 0.140" diam x 0.250" thk; Hickok Part/Dwg #19050-36, Alt A	ea.	1							6	6	6	12
28	H-103	6L20903-3.4	SCREW, MACHINE: slot drive; Fil H; brass, nickel pl; #3-56 NF-2; 0.175" lg; thd portion 0.125" lg; head 0.156" diam x 0.025" thk; dog point; Hickok Part/Dwg #19040-5	ea.	1							6	6	6	12
29	H-104	6L31129-13	STUD: brass, nickel pl; 0.687" lg x 0.156" diam o/a; 1 end thd 5/32" lg w/ #4-40 NC-2 thd; straight knurl sect 0.250" lg x 0.165" diam o/a starting 0.125" from end opposite thd, has solder hole 0.375" d x 0.078" diam; p/o Hickok Test Lead Part/Dwg #12450-165; Hickok Part/Dwg #19821-13, Alt A	ea.	1							6	6	6	12
30	H-105	2Z4928-77	HANDLE: case; steel, nickel pl; 4-3/4" lg x 1-15/16" wd x 1/4" thk; 1/4" diam steel grip, 4-1/4" lg; mtd by #18 ga Hickok Part #3275-32 steel clamp and 4 #6-32 nuts and lockwashers; folds flat when not in use; Hickok Part #8330-23, Dwg #8330-18	ea.	2							1	1	1	10
31	H-106	2Z2642.280	CLAMP: handle; steel 18 ga; nickel pl; mts by 4 weld bolts; 3" lg x 1-47/64" wd x 19/64" h o/a; accom 1/4" diam steel case handle; Hickok Part/Dwg #3275-82	ea.	2							1	1	1	10
32	H-107	6Z4920-17	GROMMET: rubber; fits 7/16" diam hole; 5/16" ID x 5/8" OD x 9/32" thk, 1/16" groove; Vitalic Part #3013; Hickok Part #7850-6	ea.	1				1	1		1	1	1	12
33	H-108	6Z4910L	GROMMET: rubber; fits 1" diam hole; 5/8" ID x 1-3/16" OD x 5/16" thk, 1/16" groove; Vitalic Part #3093; Hickok Part #7850-21	ea.	1				1	1		1	1	1	12

34	I-101	2Z5991-144	LIGHT, INDICATOR: w/ lens; 1/2" diam red jewel, smooth, frosted in back only; for miniature bayonet base T-3-1/4 lamp; open frame; 2-5/32" lg x 15/16" OD excluding term; 11/16" mtg hole required, 1/4" max thk; socket mts horizontally, lamp replaceable from front; thd jewel; 2 solder lug term located on opposite sides of base at socket; pol dimmer; Drake Mfg Type #80; Hickok Part/Dwg #X-19350-83	ea.	1				1	1		1	1	1	10
35	J-101	2Z3065-87	CONNECTOR, RECEPTACLE: 4 slotted silver pl brass female cont, pol; straight type; body 13/16" diam x 11/16" h excluding mtg nuts, 1-5/32" diam incl mtg nuts; nickel pl cylindrical brass body; black bakelite insert molded in body; mts in 27/32" diam panel hole, supplied w/ mtg nuts and lock washer; cont opening #1 directly in line w/ locating slot in body; Amphenol Type #91-PC4F (Position #2); Hickok Part/Dwg #3475-5, alt A	ea.	1				1	1		1	2	1	12
36	J-102 J-104 J-106	2Z3062-16	CONNECTOR, RECEPTACLE: Navy Type #491874; 1 round female cont; straight type; 19/32" lg x 1/2" OD excluding term; cylindrical, red phenolic body; opening for 3/32" diam pin plug; mts into 3/8" diam hole w/ retainer ring; Amphenol Type #78-1S Red; Hickok Part/Dwg #10300-8	ea.	3				1	1		1	5	3	27
37	J-103	2Z7111.28	CONNECTOR, RECEPTACLE: Navy Type #49659; 1 round male cont; straight type; 5/8" diam x 7/8" lg o/a; brass body, cad pl; natural phenolic insert; shank 3/8"-24 x 11/32" lg for mtg in 3/8" diam panel hole, 5/8"-27 coupling thd; Amphenol Part #PC1M; Hickok Part/Dwg #X3475-4, alt D	ea.	1				1	1		1	2	1	12
	J-104	2Z3062-16	Same as J-102												

MULTIMETER ME-25A/U

SIG M8 ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	ITEM AND DESCRIPTION	UNIT OF ISSUE	QUANTITY PER EQUIPMENT	MAINTENANCE AUTHORIZED ALLOWANCE ORGANIZATIONAL 1ST ECH. RUNNING SPARES	MAINTENANCE AUTHORIZED ALLOWANCE ORGANIZATIONAL 2ND ECHELON 1-4 EQUIP	MAINTENANCE AUTHORIZED ALLOWANCE ORGANIZATIONAL 2ND ECHELON 5-20 EQUIP	MAINTENANCE STOCK GUIDE FIELD 3RD ECHELON MOBILE OR SEMI-FIXED REPAIR SHOPS 1-4 EQUIP.	MAINTENANCE STOCK GUIDE FIELD 3RD ECHELON MOBILE OR SEMI-FIXED REPAIR SHOPS 5-20 EQUIP.	MAINTENANCE STOCK GUIDE FIELD 4TH ECH 50 EQUIP.	MAINTENANCE STOCK GUIDE DEPOT 5TH ECH REPAIR SHOP 100 EQUIP.	DEPOT SUPPLY STOCK GUIDE FIELD 50 EQUIP	DEPOT SUPPLY STOCK GUIDE BASE 1-YEAR 100 EQUIP.
38	J-105 J-107	2Z5573.9	CONNECTOR, RECEPTACLE: Navy Type #491874-A; 1 round female cont; straight type; 1/2" OD x 19/32" lg excluding term; cylindrical black phenolic body; opening for 3/32" diam pin plug; mts in 3/8" diam panel hole w/ retainer ring. Amphenol Type #78-1S, Hickok Part #10300-11, Dwg #10300-8	ea.	2				1	1		1	4	2	20
	J-106	2Z3062-16	Same as J-102												
	J-107	2Z5573.9	Same as J-105												
39	M-101	3F3299-9.3	METER, MULTI-SCALE: DC; scale range 0 to 10 and 0 to 25 for DC v, AC v and DC ma, 0 to 1 meg, AC v RMS 0 to 2.5, AC v RMS 0 to 1, AC v peak to peak 0 to 2.5; rectangular flush mtg case; bbl 3-1/2" diam, 1-1/2" d behind fl, rectangular fl 4" x 3-3/4" x 5/8"; accuracy 2%; D'Arsonval movement; 150 ua basic movement sensitivity, resistance across term 1000 ohms; calibrated for non-magnetic panel; 50 scale divisions for 2.5 v AC RMS, 1 v RMS and 2.5 v peak to peak ranges; 100 scale divisions for all other AC and DC ranges; special scale 75 line non-uniform scale for ohms; green numerals on white background for ohms ranges and 2.5 v peak to peak range; black numerals on white background for all other ranges; meter designed for use only in Multimeter ME-25A/U which contains all associated circuit components; 4 mtg studs 6-32, 5/8" lg on 3-3/8" ctr; 2 stud term 1/4"-28 x 7/8" lg spaced 1-1/2" c to c; Hickok Model S48G; Hickok Part #480-770, Dwg #A630	ea.	1				1	1		1	2	1	12

40	O-101 O-102 O-105	3Z1087-15	CLIP: alligator; for connecting test lead to equip; copper, nickel pl; 2-5/16" lg x 5/16" wd x 7/16" h o/a; 3/8" max jaw opening; w/ #10-32 thd coupling, coupler to end of test prod to provide clip connection for Hickok test leads Part #X-12450-152 and #X-12450-153; Mueller Elec Type #60C; Hickok Part/Dwg #3300-23, Alt B	ea.	3	2			1	1		1	6	3	27
41	O-103	6Z8093-5	SEAL, WATER: case to cover; black rubber; "T"-shaped cross-sect w/ 0.062" rad groove in top; strip 36" lg x 0.142" wd x 0.467" thk o/a; mtd in groove 0.062" wd x 3/8" d; Hickok Part/Dwg #7090-130 Alt A	ea.	1				1	1		1	4	2	20
42	O-104	3Z1087-8.1	CLIP: alligator; steel, cad pl; 2-1/4" lg x 3/8" wd x 1/2" h o/a; black plastic ins handle; solder loop connection; 3/8" max jaw opening; Mueller Elec Part #60 HS black; Hickok Part/Dwg #3300-10	ea.	1	2			1	1		1	4	2	20
	O-105	3Z1087-15	Same as O-101												
43	O-201	3G330-6	COLLAR, LOCKING: round; black phenolic grade XX; 7/8" OD x 3/8" thk; 0.630" ID x 7/8" OD x 3/8" thk; 2 radial mtg holes #8-32 NC-2 60 deg apart; Hickok Part/Dwg #3400-7	ea.	1							1	1	1	3
44	O-202	2Z8877.429	SPRING: helical compression type; cont for resistor; #18 ga music wire; 9/32" diam x 1-1/8" free lg o/a; 9 turns; 1 end terminated in concentric loop 1/8" ID, other end unfinished; mts in body of Army-Navy Test Prod MX-1101/U; silver pl; Hickok Part/Dwg #19450-31	ea.	1							1	1	1	3
45	O-203	2Z1409-199	BUSHING: reducing fitting for coupling HV test prod to test lead; brass, nickel pl; male and female; 1/4" lg, thd 3/8"-24 full lg ext and #10-32 full lg int, 1 end slotted 3/64" x 3/64"; Hickok Part/Dwg #2900-23	ea.	1							1	1	1	6

MULTIMETER ME-25A/U

SIG M8 ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	ITEM AND DESCRIPTION	UNIT OF ISSUE	QUANTITY PER EQUIPMENT	MAINTENANCE									DEPOT SUPPLY	
						AUTHORIZED ALLOWANCE			STOCK GUIDE						STOCK GUIDE	
						ORGANIZATIONAL			FIELD					DEPOT	FIELD	BASE
						1ST ECH.	2ND ECHELON		3RD ECHELON			4TH ECH.	5TH ECH.			1-YEAR
						RUNNING SPARES			MOBILE OR SEMI-FIXED REPAIR SHOPS					REPAIR SHOP		
							1-4 EQUIP.	5-20 EQUIP.	1-4 EQUIP.	5-20 EQUIP.		50 EQUIP.	100 EQUIP.	50 EQUIP.	100 EQUIP.	
46	P-101	6Z7560-5	CONNECTOR, PLUG: 2 flat parallel male contacts; straight; 1-3/8" diam x 1-5/16" lg o/a excluding term; 15 amps 125 v, 10 amps 250 v; round rubber body; molded rubber insert; cable opening 0.240" to 0.312"; Bryant Elec Type #HRB; Hickok Part #16525-58	ea.	1				1	1		1	2	1	12	
47	P-102	2Z3024-19	CONNECTOR, PLUG: Navy Type 49928; 4 rd male cont; pol; straight, chrome pl; cylind; cable opening 0.385" max dia; coupling nut 5/8"-27; Amphenol no. 91-MC4M	ea.	1				1	1		1	2	1	12	
48	P-103	2Z8671.23	CONNECTOR, PLUG: Navy Type #49660; 1 pressure bead cont; straight type; for single cond shielded mic cable; 3/4" diam x 1-1/8" lg excluding cable spring; chrome pl cylindrical brass body; phenolic insert; 1/4" diam cable· 5/8"-27 knurled coupling ring; incl coil spring cable protector; Amphenol Type #MC1F; Hickok Part/Dwg #3475-3	ea.	1				1	1		1	2	1	12	
49	P-104	2Z7111.23	CONNECTOR, PLUG: 1 round male cont, nickel pl brass 5/32" diam x 7/16" lg; straight; red phenolic head 25/64" diam x 3/8" lg; 25/64" diam x 51/64" lg; irregular shape, red molded phenolic head; will accom #18 AWG wire; solder connection to wire; Amphenol Part #71-1S red; Hickok Part/Dwg #16525-29	ea.	1				1	1		1	4	2	20	

50	P-105	2Z7111.23.1	CONNECTOR, PLUG: 1 round male cont, nickel pl brass, 5/32" diam x 7/16" lg; straight; black phenolic head 25/64" diam x 3/8" lg; 25/64" diam x 51/64" lg; irregular shape, black molded phenolic head; will accom #18 AWG wire; solder connection to wire; Amphenol Part #71-1S black; Hickok Part #16525-40, Dwg #16525-29	ea.	1				1	1		1	4	2	20
51	P-201	6Z7598-6	ADAPTER, MOUNTING: couples alligator clip to test prod; brass, nickel pl; approx 13/16" lg x 1/4" diam o/a; 1 end threaded 1/4"-32 other end threaded #10-32: Hickok Part/Dwg #16525-95	ea.	1				1	1		1	1	1	6
52	R-101 R-120 R-125	3RC20BF105K	RESISTOR, FIXED: comp; JAN Type RC20BF105K; 1 meg p/m 10%; 1/2 w; F characteristic; 0.406" lg x 0.175" diam max; ins, RSW and humidity; 2 axial wire leads, #21 AWG, 1-1/2" lg; Spec #JAN-R-11-3	ea.	3				1	1		1	4	2	20
53	R-102	3RC20BF206J	RESISTOR, FIXED: comp; JAN Type RC20BF206J; 20 megohms p/m 5%; 1/2 w; characteristic F; 0.468" max lg x 0.249" max diam; ins, RSW and humidity; 2 axial wire leads, #21 AWG, 1-1/2" lg; Spec #JAN-R-11-3	ea.	1				1	1		1	4	2	20
54	R-103	3Z6840	RESISTOR, FIXED: comp; 40 megohms p/m 1%; 1 watt; F characteristic; 7/8" lg x 21/64" diam; ins, moisture resistant; 2 axial wire leads, 1-1/2" lg, #20 AWG; polyvinyl chloride ins sleeve; Wilkor Products, Carbo-film #CP1; Hickok Part #X-18550-104, Dwg #A592	ea.	1				1	1		1	4	2	20
55	R-104	3RB2-9700	RESISTOR, FIXED: ww; JAN Type #RB10B9R700F; 9.70 ohms p/m 1%; 1/4 w; body 15/32" max lg x 3/4" max diam; coating as per #JAN-R-93, resistant to humidity; 2 radial tab term 3/8" lg x 0.016" min thk; clearance hole thru core for #6 screw; Spec #JAN-R-93	ea.	1				1	1		1	4	2	20
56	R-105	3RC30BF275K	RESISTOR, FIXED: comp; JAN Type RC30BF275K; 2.7 meg p/m 10%; 1 w; characteristic F; 0.750" lg x 0.280" diam max; ins, RSW and humidity; 2 axial wire leads #20 AWG, 1-1/2" lg; Spec #JAN-R-11	ea.	1				1	1		1	4	2	20

MULTIMETER ME-25A/U

SIG M8 ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	ITEM AND DESCRIPTION	UNIT OF ISSUE	QUANTITY PER EQUIPMENT	MAINTENANCE AUTHORIZED ALLOWANCE ORGANIZATIONAL 1ST ECH RUNNING SPARES	MAINTENANCE AUTHORIZED ALLOWANCE ORGANIZATIONAL 2ND ECHELON 1-4 EQUIP	MAINTENANCE AUTHORIZED ALLOWANCE ORGANIZATIONAL 2ND ECHELON 5-20 EQUIP	MAINTENANCE STOCK GUIDE FIELD 3RD ECHELON MOBILE OR SEMI-FIXED REPAIR SHOPS 1-4 EQUIP.	MAINTENANCE STOCK GUIDE FIELD 3RD ECHELON MOBILE OR SEMI-FIXED REPAIR SHOPS 5-20 EQUIP.	MAINTENANCE STOCK GUIDE FIELD 4TH ECH. EQUIP.	MAINTENANCE STOCK GUIDE FIELD 3RD ECHELON MOBILE OR SEMI-FIXED REPAIR SHOPS 50 EQUIP.	MAINTENANCE STOCK GUIDE DEPOT 5TH ECH REPAIR SHOP 100 EQUIP.	DEPOT SUPPLY STOCK GUIDE FIELD 50 EQUIP	DEPOT SUPPLY STOCK GUIDE BASE 1-YEAR 100 EQUIP.
57	R-106	3RC20BF104J	RESISTOR, FIXED: comp, JAN Type #RC20BF104J, 100,000 ohms p/m 5%; 1/2 w; characteristic F; 0.406" max lg x 0.175" max diam; ins, RSW and humidity; 2 axial wire leads #21 AWG, 1-1/2" lg; Spec #JAN-R-11-3	ea.	1				1	1		1	4	2	20
58	R-107	3RC30BF335K	RESISTOR, FIXED: comp, JAN Type #RC30BF335K, 3.3 meg p/m 10%; 1 w; characteristic F; 0.750" max lg x 0.280" max diam; ins, RSW and humidity; 2 axial wire lead term, #20 AWG, 1-1/2" lg, Spec #JAN-R-11	ea.	1				1	1		1	4	2	20
59	R-108	3RC20BF203J	RESISTOR, FIXED: comp; JAN Type #RC20BF203J, 20,000 ohms p/m 5%; 1/2 w; characteristic F; 0.406" lg x 0.175" diam max; ins, RSW and humidity; 2 axial wire leads #21 AWG, 1-1/2" lg; Spec #JAN-R-11-3	ea.	1				1	1		1	4	2	20
60	R-109	3Z7330-32	RESISTOR, VARIABLE: comp; 3000 ohms p/m 10%; 2 w; 3 solder lug term; encl bakelite case w/ metal cover 1-1/16" diam x 9/16" d; round metal shaft 1/4" diam 3/4" lg FMS; lin taper; ins cont arm, w/o off position; normal torque; mtg bushing 3/8"-32 x 3/8" lg, non-turn device on 17/32" rad at 3 and 9 o'clock; Allen Bradley Part #JU3021-P3048; Hickok Part/Dwg #X-16925-101	ea.	1				1	1		1	4	2	20
61	R-110 R-111	3RC20BF153J	RESISTOR, FIXED: comp; JAN Type #RC20BF153J, 15,000 ohms p/m 5%; 1/2 w; characteristic F; 0.406" max lg x 0.175" max diam; ins, RSW and humidity; 2 axial wire leads, #21 AWG, 1-1/2" lg; Spec #JAN-R-11-3	ea.	2				1	1		1	7	4	34

62	R-112	3RC20BF335K	RESISTOR, FIXED: comp; JAN Type #RC20BF335K; 3.3 meg p/m 10%; 1/2 w; F characteristic; 0.406" max lg x 0.175" max diam; ins, RSW and humidity; 2 axial wire leads, 1.5" lg, #21 AWG; Spec #JAN-R-11-3	ea.	1				1	1		1	4	2	20
63	R-113	3RC20BF122K	RESISTOR, FIXED: comp; JAN Type #RC20BF122K; 1200 ohms p/m 10%; 1/2 w; characteristic F; body 0.406" lg x 0.175" diam max; ins, RSW and humidity; 2 axial wire leads #21 AWG, 1-1/2" lg; Spec #JAN-R-11-3	ea.	1				1	1		1	4	2	20
64	R-114	3RC20BF825K	RESISTOR, FIXED: comp; JAN Type #RC20BF825K; 8.2 megohms p/m 10%; 1/2 w; characteristic F; 0.406" max lg x 0.175" max diam; ins, RSW and humidity; 2 axial wire leads #21 AWG, 1-1/2" lg; Spec #JAN-R-11-3	ea.	1				1	1		1	4	2	20
65	R-115	3Z6812-10	RESISTOR, FIXED: comp; 12 meg p/m 1%; 1 w; F characteristic; 7/8" lg x 0.325" diam; ins, moisture resistant; 2 axial wire leads; polyvinyl chloride insulating sleeve; Wilkor Products, #CP 1 Carbofilm; Hickok Part #X-18550-103, Dwg #A592	ea.	1				1	1		1	4	2	20
66	R-116	3Z6820-11	RESISTOR, FIXED: comp; 20 meg p/m 1%; 1 w; F characteristic; 7/8" lg x 0.325" diam; ins, moisture resistant; 2 axial wire leads; polyvinyl chloride insulating sleeve; Wilkor Products, CP1 Carbofilm; Hickok Part #X-18550-105, Dwg #A592	ea.	1				1	1		1	4	2	20
67	R-117	3RB4-1500.4	RESISTOR, FIXED: WW: JAN Type #RB10B150R0F; 150 ohms p/m 1%; 1/4 w max continuous oper temp 105°C; 15/32" max lg x 3/4" max diam excluding term; ceramic body, impr, resistant to humidity; 2 solder tab term 3/8" lg x 0.016" min thk; ctr mtg hole w/ clearance for #6 screw; Spec #JAN-R-93	ea.	1				1	1		1	2	1	12

MULTIMETER ME-25A/U

SIG M8 ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	ITEM AND DESCRIPTION	UNIT OF ISSUE	QUANTITY PER EQUIPMENT	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: 1ST ECH. RUNNING SPARES	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: 2ND ECHELON 1-4 EQUIP	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: 2ND ECHELON 5-20 EQUIP	MAINTENANCE: STOCK GUIDE: FIELD: 3RD ECHELON: MOBILE OR SEMI-FIXED REPAIR SHOPS 1-4 EQUIP.	MAINTENANCE: STOCK GUIDE: FIELD: 3RD ECHELON: MOBILE OR SEMI-FIXED REPAIR SHOPS 5-20 EQUIP.	MAINTENANCE: STOCK GUIDE: FIELD: 4TH ECH.	MAINTENANCE: STOCK GUIDE: DEPOT: 5TH ECH. REPAIR SHOP 50 EQUIP.	MAINTENANCE: STOCK GUIDE: DEPOT: 5TH ECH. REPAIR SHOP 100 EQUIP.	DEPOT SUPPLY STOCK GUIDE: FIELD 50 EQUIP	DEPOT SUPPLY STOCK GUIDE: BASE 1-YEAR 100 EQUIP.
68	R-118	3Z6009-10	RESISTOR, FIXED: Navy Type #636997-1; comp; 90 ohms p/m 1%; 1/2 w; characteristic F; 5/8" lg x 17/64" diam; plastic ins, moisture resistant; 2 axial wire leads; polyvinyl chloride ins sleeve; Wilkor Prod Carbofilm Type #CP-1/2; Hickok Part #X-18525-354, Dwg #A592	ea.	1				1	1		1	4	2	20
69	R-119 R-143 R-147	3RC20BF222K	RESISTOR, FIXED: comp; JAN Type #RC20BF222K; 2200 ohms p/m 10%; 1/2 w; F characteristic; 0.406" max lg x 0.175" max diam; ins, RSW and humidity; 2 axial wire leads, 1.5" lg, #21 AWG; Spec #JAN-R-11-3	ea.	3				1	2		1	10	6	60
	R-120	3RC20BF105K	Same as R-101												
70	R-121	3Z6806-13	RESISTOR, FIXED: comp; 6 meg p/m 1%; 1/2 w; characteristic F; 5/8" lg x 17/64" diam; plastic ins, moisture resistant; 2 axial wire leads; polyvinyl chloride ins sleeve; Wilkor Prod Carbofilm Type #CP-1/2; Hickok Part #X-18525-355, Dwg #A592	ea.	1				1	1		1	4	2	20
71	R-122	3RB3-3000	RESISTOR, FIXED: WW; JAN Type #RB10B30R00F; 30 ohms p/m 1%; 1/4 w at 105°C max continuous oper temp; 15/32" lg x 3/4" diam max excluding term; ceramic body, impr, resistant to humidity; 2 radial solder tab term 3/8" lg x 0.016" min thk; ctr mtg hole w/ clearance for #6 screw; Spec #JAN-R-93	ea.	1				1	1		1	2	1	12

72	R-123	3Z6090-34	RESISTOR, FIXED: Navy Type #636999-1; comp; 900 ohms p/m 1%; 1/2 w; characteristic F; 5/8" lg x 17/64" diam; ins, moisture resistant; 2 axial wire leads; polyvinyl chloride ins sleeve; Wilkor Prod Carbofilm Type CP 1/2; Hickok Part #X-18525-353, Dwg A-592	ea.	1				1	1		1	4	2	20
73	R-124	3RC20BF332K	RESISTOR, FIXED: comp; JAN Type #RC20BF332K; 3300 ohms p/m 10%; 1/2 w; F characteristic; 0.406" lg x 0.175" diam max; ins, RSW and humidity; 2 axial wire leads, #21 AWG, 1-1/2" lg; Spec JAN-R-11-3	ea.	1				1	1		1	4	2	20
	R-125	3RC20BF105K	Same as R-101													
74	R-126	3Z6801-113	RESISTOR, FIXED: Navy Type #637000-1; comp; 1.2 meg p/m 1%; 1/2 w; characteristic F; 5/8" lg x 17/64" diam; ins, moisture resistant; 2 axial wire leads; polyvinyl chloride ins sleeve; Wilkor Prod Carbofilm Type #CP-1/2; Hickok Part #X-18525-356, Dwg #A592	ea.	1				1	1		1	4	2	20
75	R-127	3RB3-1500.1	RESISTOR, FIXED: WW; JAN Type #RB10B15R00F; 15 ohms p/m 1%; 1/4 w at 105°C max continuous oper temp; 15/32" lg x 3/4" diam max excluding term; ceramic body, impr, resistant to humidity; 2 radial solder tab term, 3/8" lg x 0.016" min thk; ctr mtg hole w/ clearance for #6 screw; Spec #JAN-R-93	ea.	1				1	1		1	2	1	12
76	R-128	3Z6590-25	RESISTOR, FIXED: Navy Type #637001-1; comp; 9000 ohms p/m 1%; 1/2 w; characteristic F; 5/8" lg x 17/64" diam; ins, moisture resistant; 2 axial wire leads; polyvinyl chloride ins sleeve; Wilkor Prod Carbofilm Type #CP-1/2; Hickok Part #X-18525-352, Dwg #A-592	ea.	1				1	1		1	4	2	20
77	R-129	3RC20BF392K	RESISTOR, FIXED: comp; JAN Type #RC20BF392K; 3900 ohms p/m 10%; 1/2 w; characteristic F; 0.406" lg x 0.175" diam max; ins, RSW and humidity; 2 axial wire leads #21 AWG, 1-1/2" lg; Spec #JAN-R-11-3	ea.	1				1	1		1	4	2	20

MULTIMETER ME-25A/U

SIG M8 ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	ITEM AND DESCRIPTION	UNIT OF ISSUE	QUANTITY PER EQUIPMENT	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: 1ST ECH. RUNNING SPARES	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: 2ND ECHELON 1-4 EQUIP	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: 2ND ECHELON 5-20 EQUIP	MAINTENANCE: STOCK GUIDE: FIELD: 3RD ECHELON: MOBILE OR SEMI-FIXED REPAIR SHOPS 1-4 EQUIP.	MAINTENANCE: STOCK GUIDE: FIELD: 3RD ECHELON: MOBILE OR SEMI-FIXED REPAIR SHOPS 5-20 EQUIP.	MAINTENANCE: STOCK GUIDE: FIELD: 4TH ECH.	MAINTENANCE: STOCK GUIDE: FIELD: 3RD ECHELON: MOBILE OR SEMI-FIXED REPAIR SHOPS 50 EQUIP.	MAINTENANCE: STOCK GUIDE: DEPOT: 5TH ECH. REPAIR SHOP 100 EQUIP.	DEPOT SUPPLY: STOCK GUIDE: FIELD 50 EQUIP	DEPOT SUPPLY: STOCK GUIDE: BASE 1-YEAR 100 EQUIP.
78	R-130	3Z6760-16	RESISTOR, FIXED: Navy Type #637002-1; comp; 600,000 ohms p/m 1%; 1/2 w; characteristic F; 5/8" lg x 17/64" diam; ins, moisture resistant; 2 axial wire leads; polyvinyl chloride ins sleeve; Wilkor Prod Carbofilm Type #CP-1/2; Hickok Part #X-18525-357, Dwg #A592	ea.	1				1	1		1	4	2	20
79	R-131	3RB2-3000	RESISTOR, FIXED: WW; JAN Type #RB10B3R000F; 3 ohms p/m 1%; 1/4 w at 105°C max continuous oper temp; 15/32" lg x 3/4" diam max excluding term; ceramic body, impr, resistant to humidity; 2 radial solder tab term 3/8" lg x 0.016" min thk; ctr mtg hole w/ clearance for #6 screw; Spec #JAN-R-93	ea.	1				1	1		1	2	1	12
80	R-132	3Z6690-14	RESISTOR, FIXED: comp; 90,000 ohms p/m 1%; 1/2 w; characteristic F; 5/8" lg x 17/64" diam; ins, moisture resistant; 2 axial wire leads; Wilkor Prod Carbofilm Type #CP-1/2; Hickok Part #X-18525-351, Dwg #A592	ea.	1				1	1		1	4	2	20
81	R-133	3Z6712-37	RESISTOR, FIXED: Navy Type #637004-1; comp; 120,000 ohms p/m 1%; 1/2 w; characteristic F; 5/8" lg x 17/64" diam; ins, moisture resistant; 2 axial wire leads; polyvinyl chloride ins sleeve; Wilkor Prod Carbofilm Type #CP-1/2; Hickok Part #X-18525-358, Dwg #A592	ea.	1				1	1		1	4	2	20
82	R-134 R-135	3RC20BF152J	RESISTOR, FIXED: comp; JAN Type #RC20BF152J; 1500 ohms p/m 5%; 1/2 w; characteristic F; 0.406" max lg x 0.175" max diam; ins, RSW and humidity; 2 axial wire leads, #21 AWG, 1-1/2" lg; Spec #JAN-R-11-3	ea.	2				1	1		1	7	4	34

83	R-136	3RB2-1500	RESISTOR, FIXED: WW; JAN Type #RB10B1R500F; 1.5 ohms p/m 1%; 1/4 w at 105°C max continuous oper temp; 15/32" lg x 3/4" diam max excluding term; ceramic body, impr, resistant to humidity; 2 radial solder tab term 3/8" lg x 0.016" min thk; ctr mtg hole w/ clearance for #6 screw; Spec #JAN-R-93	ea.	1				1	1		1	2	1	12
84	R-137	3Z5999-13	RESISTOR, FIXED: Navy Type #637005-1; comp; 9.9 meg p/m 1%; 1 w; characteristic F; 7/8" lg x 21/64" diam; ins, moisture resistant; 2 axial wire leads; polyvinyl chloride ins sleeve; Wilkor Prod Carbofilm Type #CP-1; Hickok Part #X-18550-91, Dwg #A592	ea.	1				1	1		1	4	2	20
85	R-138	3Z6660-48	RESISTOR, FIXED: Navy Type #637006-1; comp; 60,000 ohms p/m 1%; 1/2 w; characteristic F; 5/8" lg x 17/64" diam; ins, moisture resistant; 2 axial wire leads; polyvinyl chloride ins sleeve; Wilkor Prod Carbofilm Type CP-1/2; Hickok Part #X-18525-359, Dwg #A592	ea.	1				1	1		1	4	2	20
86	R-139	3RC20BF223K	RESISTOR, FIXED: comp; JAN Type #RC20BF223K; 22,000 ohms p/m 10%; 1/2 w; F characteristic; 0.406" lg x 0.175" diam max; ins, RSW and humidity; 2 axial wire leads, #21 AWG 1-1/2" lg; Spec JAN-R-11-3	ea.	1				1	1		1	4	2	20
87	R-140	3RC30BF333K	RESISTOR, FIXED: comp; JAN Type #RC30BF333K; 33,000 ohms p/m 10%; 1 w; characteristic F; 0.750" lg x 0.280" diam max; ins, RSW and humidity; 2 axial wire leads, 1-1/2" lg, #20 AWG; Spec #JAN-R-11	ea.	1				1	1		1	4	2	20
88	R-141	3RB1-5000	RESISTOR, FIXED: WW; JAN Type #RB12BR5000F; 0.5 ohms p/m 1%; 1/2 w at 105°C max continuous oper temp; 1" max lg x 27/32" max diam excluding term; ceramic body, impr, resistant to humidity; 2 radial solder tab term 3/8" lg x 0.016" min thk; ctr mtg hole w/ clearance for #6 screw; Spec #JAN-R-93	ea.	1				1	1		1	2	1	12

MULTIMETER ME-25A/U

SIG MB ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	ITEM AND DESCRIPTION	UNIT OF ISSUE	QUANTITY PER EQUIPMENT	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: RUNNING SPARES	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: 1 ST ECH: 1-4 EQUIP.	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: 2ND ECHELON: 5-20 EQUIP.	MAINTENANCE: STOCK GUIDE: FIELD: 3RD ECHELON: MOBILE OR SEMI-FIXED REPAIR SHOPS: 1-4 EQUIP.	MAINTENANCE: STOCK GUIDE: FIELD: 3RD ECHELON: MOBILE OR SEMI-FIXED REPAIR SHOPS: 5-20 EQUIP.	MAINTENANCE: STOCK GUIDE: FIELD: 4TH ECH: 50 EQUIP.	MAINTENANCE: STOCK GUIDE: FIELD: 5TH ECH: REPAIR SHOP: 100 EQUIP.	MAINTENANCE: STOCK GUIDE: DEPOT	DEPOT SUPPLY: STOCK GUIDE: FIELD: 1-YEAR: 50 EQUIP.	DEPOT SUPPLY: STOCK GUIDE: BASE: 1-YEAR: 100 EQUIP.
89	R-142	3Z6620-188	RESISTOR, FIXED: comp; 20,000 ohms p/m 1%; 1/2 w; characteristic F; 5/8" lg x 17/64" diam; ins, moisture resistant; 2 axial wire leads; polyvinyl chloride ins sleeve, Wilkor Prod Carbofilm Type #CP 1/2; Hickok Part #X-18525-360 Dwg #A592	ea.	1				1	1		1	4	2	20
	R-143	3RC20BF222K	Same as R-119												
90	R-144	3Z7410-162	RESISTOR, VARIABLE: comp; 10,000 ohms p/m 20%; 2 w; 3 solder lug term; encl bakelite case w/ metal cover 1-1/16" diam x 9/16" d; round metal shaft 1/4" diam x 3/4" lg FMS; lin taper; ins cont arm, w/o off position; normal torque; mtg bushing 3/8"-32 x 3/8" lg, non-turn device on 17/32" rad on 3 and 9 o'clock; AB Part #JU1032-P3048; Hickok Part/Dwg #X-16925-109	ea.	1				1	1		1	4	2	20
91	R-145 R-149	3Z7330-31	RESISTOR, VARIABLE: WW; 3000 ohms p/m 15%; 2 w; 3 solder lug terminals; encl metal case and cover, 1-1/8" diam x 15/32" d behind mtg surface; round slotted metal shaft 1/4" diam x 3/4" lg FMS; lin taper; gnd cont arm, w/o off position; normal torque; mtg bushing 3/8"-32 x 3/8" lg, Wirt Type #WG802, Hickok Part Dwg #X-16925-110	ea.	2				1	1		1	4	2	20
92	R-146	3RC20BF184J	RESISTOR, FIXED: comp; JAN Type #RC20BF184J; 180,000 ohms p/m 5%; 1/2 w; F characteristic; 0.406" max lg x 0.175" max diam; ins, RSW and humidity; 2 axial wire leads, 1.5" lg, #21 AWG; Spec #JAN-R-11-3	ea.	1				1	1		1	4	2	20
	R-147	3RC20BF222K	Same as R-119												

93	R-148	3RC20BF273K	RESISTOR, FIXED: comp; JAN Type #RC20BF273K 27,000 ohms p/m 10%; 1/2 w; characteristic F; 0.406" lg x 0.175" diam max; ins, RSW and humidity; 2 axial wire leads #21 AWG, 1-1/2" lg; Spec #JAN-R-11-3	ea.	1				1	1		1	4	2	20
	R-149	3Z7330-31	Same as R-145												
94	R-150	3RC20BF563K	RESISTOR, FIXED: comp; JAN Type #RC20BF563K 56,000 ohms p/m 10%; 1/2 w; characteristic F; 0.406" lg x 0.175" diam max; ins, RSW and humidity; 2 axial wire leads #21 AWG, 1-1/2" lg; Spec #JAN-R-11-3	ea.	1				1	1		1	4	2	20
95	R-151	3RC20BF274K	RESISTOR, FIXED: comp; JAN Type #RC20BF274K 270,000 ohms p/m 10%; 1/2 w; F characteristic; 0.406" max lg x 0.175" max diam; ins, RSW and humidity; 2 axial wire leads, 1.5" lg, #21 AWG; Spec #JAN-R-11-3	ea.	1				1	1		1	4	2	20
96	R-201	3Z6853B2	RESISTOR, FIXED: comp; 53.2 meg p/m 1%; 2 w; F characteristic; 2-1/16" lg x 9/32" diam; moisture resistant; 1 axial wire lead and 1 silver pl cont cap; Wilkor Products, Carbofilm #CP2; Hickok Part/Dwg #X-18575-96	ea.	1				1	1		1	4	2	20
97	S-101	3Z9825-19.3	SWITCH, ROTARY: 5 pole, 7 position, 7 throws; 5 sections; silver pl brass cont; ceramic ins; body dimen 1-7/8" h x 1-5/8" wd, 3-7/8" lg o/a FMS, incl studs; shorting cont; locking action; solder lug term; single mtg hole, bushing 3/8"-32 thd x 1/4" lg, 1/4" diam shaft 5/8" lg from mtg surface, w/ 5/16" lg x 1/32" deep flat; Oak Type #HC; Hickok Part/Dwg #X-19912-197 Alt A	ea.	1				1	1		1	4	2	20
98	S-101A	3Z9903E-30.4	SWITCH SECTION, ROTARY: silver pl brass cont on ceramic wafer; single pole 7 position, 1 dummy term; oval shape; 1-7/8" lg x 1-5/8" wd x 0.156" thk excluding cont end term; 2 mtg holes 1/8" diam spaced 1-9/16" c to c; #1 wafer sect only of Centralab #12272; Hickok Part/Dwg #19912-212	ea.	1				1	1		1	1	1	6

MULTIMETER ME-25A/U

SIG MB ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	ITEM AND DESCRIPTION	UNIT OF ISSUE	QUANTITY PER EQUIPMENT	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: 1ST ECH. RUNNING SPARES	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: 2ND ECHELON 1-4 EQUIP	MAINTENANCE: AUTHORIZED ALLOWANCE: ORGANIZATIONAL: 2ND ECHELON 5-20 EQUIP.	MAINTENANCE: STOCK GUIDE: FIELD: 3RD ECHELON: MOBILE OR SEMI-FIXED REPAIR SHOPS 1-4 EQUIP.	MAINTENANCE: STOCK GUIDE: FIELD: 3RD ECHELON: MOBILE OR SEMI-FIXED REPAIR SHOPS 5-20 EQUIP.	MAINTENANCE: STOCK GUIDE: FIELD: 4TH ECH. 50 EQUIP.	MAINTENANCE: STOCK GUIDE: FIELD: 5TH ECH REPAIR SHOP 100 EQUIP.	MAINTENANCE: STOCK GUIDE: DEPOT 50 EQUIP.	DEPOT SUPPLY: STOCK GUIDE: FIELD 100 EQUIP.	DEPOT SUPPLY: STOCK GUIDE: BASE 1-YEAR
99	S-101B	3Z9903E-30.5	SWITCH SECTION, ROTARY: silver pl brass cont on ceramic wafer; single pole 7 positions, 3 dummy term; oval shape; 1-7/8" lg x 1-5/8" wd x 0.156" thk excluding cont and term; 2 mtg holes 1/8" diam spaced 1-9/16" c to c; #2 wafer sect only of Centralab #12272; Hickok Part/Dwg #19912-213	ea.	1				1	1		1	1	1	6
100	S-101C S-101D S-101E	3Z9903E-30.6	SWITCH SECTION, ROTARY: silver pl brass cont on ceramic wafer; single pole 7 positions; oval shape; 1-7/8" lg x 1-5/8" wd x 0.156" thk excluding cont; 2 mtg holes 1/8" diam spaced 1-9/16" c to c; sect 3, 4, and 5 of Centralab #12272; Hickok Part/Dwg #19912-214	ea.	3				1	1		1	1	1	12
101	S-101F	3Z3345-5	DETENT: index mechanism; steel cad pl; spring and ball type mechanism, 7 positions, normal torque, flatted shaft, locating lug, 1-7/8" h x 1-3/8" wd x 4-5/8" lg approx o/a incl strut screws and hdw; 2 strut screws 5-40 on 1-9/16" centers for mtg sw wafers, bushing 3/8"-32 for mtg in panel; #19912-197 stamped in index plate; supplied w/ all hdw, less wafer sect; index mechanism only for Centralab #12272; Hickok Part/Dwg #19912-215	ea.	1							1	1	1	3
102	S-102	3Z9825-58.174	SWITCH, ROTARY: 5 pole, 5 pos; 3 sect; silver pl brass cont; ceramic ins; 1-7/8" h x 1-5/8" wd x 1-1/2" d behind mtg surface; shorting type cont; solder lug term; single hole mtg, bushing 3/8"-32 x 1/4" lg; Centralab #CRL-11569; Hickok Part/Dwg #X-19912-193	ea.	1				1	1		1	4	2	20

103	S-103	3Z9863-12A	SWITCH, TOGGLE: SPST; JAN Type #ST-12-A; 5 amp at 125 v DC, 2 amp at 250 v DC, resistive load, 3 amp at 125 v DC, 1.5 amp at 250 v DC inductive load; phenolic body; 1-9/32" max h x 23/32" max wd x 23/32" d less term; bat type handle 11/16" lg; locking action 2 pos; solder lug term; mtg bushing 15/32"-32 thd x 15/32" lg FMS; RSW; Spec #JAN-S-23	ea.	1				1	1		1	4	2	20
104	S-104	3Z9863-52R	SWITCH, TOGGLE: DPDT; JAN Type #ST52R; 30/125/250 v DC at 10/0.75/0.5 amp, 125/250 v AC at 15/6 amp resistive load, 30 v DC at 10 amp inductive load; phenolic body; 1-5/16" lg x 3/4" wd x 1-1/16" deep incl solder lugs; bat type handle 11/16" lg; no ctr pos, up pos normally "ON", momentary "ON" in down position, normally open; 6 solder lug term; mtg bushing 15/32"-32 NS-2 x 15/32" lg FMS; Spec #JAN-S-23	ea.	1				1	1		1	4	2	20
105	T-101	2Z9613.579	TRANSFORMER, POWER: Navy Type #304650; fil and plate type; pri input 115 v, 50 to 1200 cps, 1 ph; 2 output wnd; #1 secd 300 v at 25 ma CT, #2 secd 6.3 v at 2 amp; HS metal case; 2-7/8" lg x 2-3/4" wd x 3-1/2" h excluding term and mtg studs; 6 solder lug term same end as mtg; 4 mtg studs #8-32 x 15/16" lg on 1-7/8" x 2" mtg/c; Chi Trans Type #K2C4-B0, Part #9195; Hickok Part/Dwg #X20800-32, Alt B	ea.	1				1	1		1	2	1	10
106	V-101	2J12AU7	TUBE, ELECTRON: JAN Type #12AU7; twin triode amplr	ea.	1	2	1	2	1	2		8	17	17	167
107	V-102	2J6X4	TUBE, ELECTRON: JAN Type #6X4; full wave h vacuum rect	ea.	1	2	1	2	1	2		8	17	17	167
108	V-103	2J6AL5	TUBE, ELECTRON: JAN Type #6AL5; twin diode	ea.	1	2	1	2	1	2		8	17	17	167

MCHPB 142945 1-10-51 5M

MULTIMETER ME-25A/U

SIG M8 ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	ITEM AND DESCRIPTION	UNIT OF ISSUE	QUANTITY PER EQUIPMENT	MAINTENANCE								DEPOT SUPPLY	
						AUTHORIZED ALLOWANCE			STOCK GUIDE					STOCK GUIDE	
						ORGANIZATIONAL			FIELD				DEPOT	FIELD	BASE
						1 ST ECH	2ND ECHELON		3RD ECHELON			4 TH ECH.	5TH ECH		
						RUNNING SPARES			MOBILE OR SEMI-FIXED REPAIR SHOPS				REPAIR SHOP		1-YEAR
							1-4 EQUIP	5-20 EQUIP	1-4 EQUIP	5-20 EQUIP.		50 EQUIP.	100 EQUIP.	50 EQUIP.	100 EQUIP.
109	W-101	3E8000-48.13	LEAD, TEST: mic cable, 3 cond #22 AWG stranded copper, ea cond 26 strands #34 AWG, 1/64" synthetic RI-color coded black-white and red, cotton wrap, 16" x 5/34" tinned copper shielding, cotton wrap, 1 32" black neoprene jacket, 0.290" OD; 48" lg; special diode probe assem on 1 end and Amphenol #MC4F mic connector on other end; Hickok Part #X-16970-18, Dwg #16970-18	ea.	1		1	1	1	1		1	4	2	20
110	W-102	3E8000-44.2	LEAD, TEST: mic cable, 1 stranded RI copper cond #22 AWG, 7 strands #30 AWG, cotton wrap, neoprene jacket, tinned copper shield; 48" lg excluding term; Hickok #16975-21 prod on 1 end, Amphenol Type #MC1F mic connecto on other end; 3.3 meg isolating resistor in prod; Hickok Part #X 3030-46, Dwg #3030-29	ea.	1		1	1	1	1		1	4	2	20
111	W-103	3E8000-48.1	LEAD, TEST: 1 copper cond #18 AWG stranded, 41 #34 AWG strands, paper wrapped 1/32" red rubber ins; 4 ft lg incl term; Amer Rad Hdwe Part #145 red test prod on 1 end and Amphenol Part #71-1S red tip plug on other end; Hickok Part Dwg #X-12450-152	ea.	1		1	1	1	1		1	4	2	20
112	W-104	3E8000-48	LEAD, TEST: 1 copper cond #18 AWG stranded, 41 #34 AWG strands, paper wrapped, 1/32" black rubber ins; 4 ft lg incl term; Amer Rad Hdwe Part #145 black test prod on 1 end and Amphenol Part #71-1S black tip plug on other end; Hickok Part #X-12450-153	ea.	1		1	1	1	1		1	4	2	20

113	W-105	3E8000-5.1	LEAD, TEST: 1 #18 AWG stranded copper RI cond, 41 #34 AWG strands, paper wrap, 1/32" black ins; approx 3-1/4" lg excluding term; Mueller Elec Type #60 black ins alligator clip on 1 end, Hickok Part #19821-13 #4-40 thd term stud on other end; Hickok Part/Dwg #X-12450-165, Alt A	ea.	1		1	1	1	1		1	4	2	20
114	W-106	3E7350.1-84.7	CABLE ASSEMBLY, POWER: UL Type SJ, 2 #18 AWG stranded cond, 300 v working, cotton wrap rubber ins, cotton filler, cotton braid, rubber jacket, color coded black and white; 7 ft lg incl terminations: 2 cont male rubber appliance plug Corwire #52R molded on 1 end, other end stripped 3/4" and tinned, molded rubber strain relief Corwire #20 attached 3" from stripped end; Corwire Part #X-3675-9; Hickok Part/Dwg #X-3675-9	ea.	1		1	1	1	1		1	4	2	20
115	W-107	1B818.175	WIRE, ELECTRICAL: ins, 0.140" OD o/a; 1 cond #18 AWG; tinned copper; stranded, 65 strands #36 AWG; cotton wrap, RI, 0.043" thk; rated 5000 v; color coded black; Belden Part #8899; Hickok Part #23900-288	ft.	4.5							10	20	10	100
116	W-108	1B818.151	WIRE, ELECTRICAL: ins, 0.140" OD o/a; 1 cond #18 AWG; tinned copper; stranded, 65 strands #36AWG; cotton wrap, RI, 0.043" thk; rated 5000 v; color coded red; Belden Part #8899; Hickok Part #23900-289	ft.	4							10	20	10	100
117	W-109	1B3022-1	CABLE, SPECIAL PURPOSE: mic; one #23 AWG stranded copper cond, tinned copper weld strands, steel core; 7 strands #31 AWG; syn ins; tinned copper braid shield, celanese serve, rubber jacket; 0.250" OD 4 ft lg; Essex Wire #S-1115-W; Hickok Part #3025-27	ft.	4							30	60	30	240

MULTIMETER ME-25A/U

SIG M8 ITEM NO.	REFERENCE SYMBOL	STOCK NUMBER	ITEM AND DESCRIPTION	UNIT OF ISSUE	QUANTITY PER EQUIPMENT	MAINTENANCE								DEPOT SUPPLY	
						AUTHORIZED ALLOWANCE			STOCK GUIDE					STOCK GUIDE	
						ORGANIZATIONAL			FIELD				DEPOT	FIELD	BASE
						1 ST ECH.	2 ND ECHELON		3 RD ECHELON			4 TH ECH.	5 TH ECH.		
						RUNNING SPARES	MOBILE OR SEMI-FIXED REPAIR SHOPS						REPAIR SHOP		1-YEAR
							1-4 EQUIP.	5-20 EQUIP.	1-4 EQUIP.	5-20 EQUIP.		10 EQUIP.	20 EQUIP.	10 EQUIP	20 EQUIP.
118	W-110	1B3022-3.2	CABLE, SPECIAL PURPOSE: mic; 3 cond #22 AWG stranded copper ea cond; 26 st.ands #34 AWG; 1/64" syn RI, color-coded black, white and red; cotton wrap, tinned copper braid shielding, cotton wrap, 1/32" black neoprene jacket; 0.290" OD; Belden #8423-250; Hickok Part #3025-33	ft.	4							30	60	30	240
119	X-101	2Z8679.30	SOCKET, TUBE: 9 miniature cont; JAN Type #TSE9T101; 1 piece saddle mtg; 2 mtg holes 1/8" diam on 1-1/8" mtg/c; cylindrical, mica filled phenolic body, 47/64" max diam x approx 8/32" h excluding term; copper alloy cont, silver pl; incl ctr shield 0.180" OD and metal shock shield base; Spec #JAN-S-28A	ea.	1				1	1		1	1	1	6
120	X-102	2Z8677.94	SOCKET, TUBE: 7 cont miniature; JAN Type #TSE7T101; brass saddle, top mtg; 2 mtg holes 1/8" diam on 7/8" mtg/c; round mica filled phenolic body 5/8" diam x 7/16" h excluding term and shield; beryllium copper, silver pl cont; w/metal shock shield base, w/ctr shield 0.180" ID; Spec #JAN-S-28A	ea.	1				1	1		1	1	1	6
121	X-103	2Z8657-3	SOCKET, TUBE: Navy Type 49477A; 7 min cont; retainer ring mtg; 11/16" dia by 13/32 lg; no shock shield; ctr shield ctr shield f/ gnd; Amphenol no. 78-7P1	ea	1				1	1		1	1	1	6

CROSS-REFERENCE BETWEEN MARINE CORPS STOCK NUMBERS AND SIG M8 ITEM NUMBERS

STOCK NUMBER	SIG M8 ITEM NUMBER
1B818.151	116
1B818.175	115
1B3022-1	117
1B3022-3.2	118
2J1N43	10
2J6AL5	108
2J6X4	107
2J12AU7	106
2Z1409-199	45
2Z2602.26	25
2Z2642.280	31
2Z3024-19	47
2Z3062-16	36
2Z3065-87	35
2Z4928-77	30
2Z5573.9	38
2Z5821-139	13
2Z5821-140	14
2Z5952	11
2Z5991-144	34
2Z7111.23	49
2Z7111.23.1	50
2Z7111.28	37
2Z8304.275	17
2Z8304.277	18
2Z8657-3	121
2Z8671.23	48
2Z8677.94	120
2Z8679.30	119
2Z8877.429	44
2Z9401	24
2Z9613.579	105
3A30	3
3DA50-292	4
3DA50-389	8
3DB10-62	9
3E7350.1-84.7	114
3E8000-5.1	113
3E8000-44.2	110
3E8000-48	112
3E8000-48.1	111
3E8000-48.13	109
3F3299-9.3	39
3F3705-6.3	12
3F3705-6.4	23
3F3705-19	22
3G330-61	43
3G2259-1.1	2
3K2047121	7
3K3010221	5

CROSS-REFERENCE BETWEEN MARINE CORPS STOCK NUMBERS AND SIG M8 ITEM NUMBERS

STOCK NUMBER	SIG M8 ITEM NUMBER
3K3547221	6
3RB1-5000	88
3RB2-1500	83
3RB2-3000	79
3RB2-9700	55
3RB3-1500.1	75
3RB3-3000	71
3RB4-1500.4	67
3RC20BF104J	57
3RC20BF152J	82
3RC20BF184J	92
3RC20BF153J	61
3RC20BF203J	59
3RC20BF206J	53
3RC20BF105K	52
3RC20BF122K	63
3RC20BF222K	69
3RC20BF223K	86
3RC20BF273K	93
3RC20BF274K	95
3RC20BF332K	73
3RC20BF335K	62
3RC20BF392K	77
3RC20BF563K	94
3RC20BF825K	64
3RC30BF275K	56
3RC30BF333K	87
3RC30BF335K	58
3Z770-22.1	16
3Z770-12.47	19
3Z1087-8.1	42
3Z1087-15	40
3Z2602.26	25
3Z3285-2.1	15
3Z3345-5	101
3Z4220-5	21
3Z4220-5.1	20
3Z5999-13	84
3Z6009-10	68
3Z6090-34	72
3Z6590-25	76
3Z6620-188	89
3Z6660-48	85
3Z6690-14	80
3Z6712-37	81
3Z6760-16	78
3Z6801-113	74
3Z6806-13	70
3Z6812-10	65
3Z6820-11	66
3Z6840	54
3Z6853B2	96

CROSS-REFERENCE BETWEEN MARINE CORPS STOCK NUMBERS AND SIG M8 ITEM NUMBERS

STOCK NUMBER	SIG M8 ITEM NUMBER
3Z7330-31	91
3Z7330-32	60
3Z7410-162	90
3Z9825-19.3	97
3Z9825-58.174	102
3Z9863-12A	103
3Z9863-52R	104
3Z9903E-30.4	98
3Z9903E-30.5	99
3Z9903E-30.6	100
6F500-17	1
6L20903-3.4	28
6L20905-7.4	27
6L31129-13	29
6Z4910L	33
6Z4920-17	32
6Z5200-2	26
6Z7560-5	46
6Z7598-6	51
6Z8093-5	41